

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v35)**

1. Factor the expression  $3x^2 - 29x + 56$

2. Factor the expression  $11x^2 - 108x + 81$

3. Factor the expression  $2x^2 - 5x - 42$

4. Factor the expression  $3x^2 + 7x - 40$

5. Factor the expression  $2x^2 + 3x - 54$

6. Factor the expression  $11x^2 - 3x - 8$

7. Factor the expression  $5x^2 - 13x - 6$

8. Factor the expression  $5x^2 - 12x + 4$

9. Factor the expression  $3x^2 - 2x - 21$

10. Factor the expression  $7x^2 + 18x + 8$